

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	etch\$3 same touch adj2 screen same (button or switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 14:44
L2	6	etch\$3 same touch adj2 screen same (button or switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 14:44
L3	433	etch\$3 same display same (button or switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 14:48
L4	21	etch\$3 same display same touch same (button or switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 14:49
L5	1	"5342047".pn.	USPAT	OR	OFF	2007/06/04 15:04
L6	1	"5342047".pn. and etch\$	USPAT	OR	OFF	2007/06/04 15:04
L7	1977	membran\$ near3 switch	EPO; DERWENT	OR	ON	2007/06/04 15:14
L8	28	l7 and lcd	EPO; DERWENT	OR	ON	2007/06/04 15:15
L9	17	345/172.ccls. and liang-r\$.xp.	US-PGPUB; USPAT	OR	ON	2007/06/04 15:23
L10	10	"2038055"	EPO; JPO; DERWENT	OR	ON	2007/06/04 15:24
L11	1	"5572239".PN.	USPAT; USOCR	OR	OFF	2007/06/04 15:30
L12	1	"5418760".PN.	USPAT; USOCR	OR	OFF	2007/06/04 15:30
L13	1	"5191320".PN.	USPAT; USOCR	OR	OFF	2007/06/04 15:31
L14	1	"4789858".PN.	USPAT; USOCR	OR	OFF	2007/06/04 15:31
L15	1	"4502048".PN.	USPAT; USOCR	OR	OFF	2007/06/04 15:34
L16	1	"4789858".PN.	USPAT; USOCR	OR	OFF	2007/06/04 15:35
L17	1	"4502048".PN.	USPAT; USOCR	OR	OFF	2007/06/04 15:35
L18	1	"4445164".PN.	USPAT; USOCR	OR	OFF	2007/06/04 15:35

## EAST Search History

S1	1881	345/168.ccls.	US-PGPUB; USPAT	OR	OFF	2007/05/31 10:03
S2	350	345/172.ccls.	US-PGPUB; USPAT	OR	OFF	2007/05/31 10:03
S3	48589	button with (label or function)	US-PGPUB; USPAT	OR	ON	2007/05/31 10:04
S4	117	S2 and S3	US-PGPUB; USPAT	OR	ON	2007/05/31 10:04
S5	96	S4 and @ad<="20031016"	US-PGPUB; USPAT	OR	ON	2007/05/31 10:04
S6	250	buttons with (pre-etch\$3 or etch\$3)	US-PGPUB; USPAT	OR	ON	2007/05/31 10:09
S7	19	S6 same (display or screen)	US-PGPUB; USPAT	OR	ON	2007/05/31 10:10
S8	24372	(pre-etch\$3 or etch\$3) same (display or screen)	US-PGPUB; USPAT	OR	ON	2007/05/31 10:15
S9	453	(button or switch) same (pre-etch\$3 or etch\$3) same (display or screen)	US-PGPUB; USPAT	OR	ON	2007/05/31 10:16
S10	1	S2 and S9	US-PGPUB; USPAT	OR	ON	2007/05/31 10:16
S11	1	S1 and S9	US-PGPUB; USPAT	OR	ON	2007/05/31 10:16
S12	3	345/173.ccls. and S9	US-PGPUB; USPAT	OR	ON	2007/05/31 10:17
S13	300	S2 and @ad<="20031016"	US-PGPUB; USPAT	OR	ON	2007/05/31 10:28
S14	465	(button or switch) same (pre-etch\$3 or etch\$3) same (lcd or display or screen)	US-PGPUB; USPAT	OR	ON	2007/05/31 13:52
S15	40	S14 and "345"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 13:53
S16	5	S14 and "341"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 13:58
S17	92	(button or switch) same (pre-etch\$3 or etch\$3) same (lcd or display or screen)	EPO; JPO; DERWENT	OR	ON	2007/05/31 14:03
S18	2003	(touch adj screen or touch) near4 button	EPO; JPO; DERWENT	OR	ON	2007/05/31 14:22
S19	0	S18 and 345/172.ccls.	EPO; JPO; DERWENT	OR	ON	2007/05/31 14:22
S20	0	S18 and 345/174.ccls.	EPO; JPO; DERWENT	OR	ON	2007/05/31 14:22
S21	1	S18 and "345"/\$.ccls.	EPO; JPO; DERWENT	OR	ON	2007/05/31 14:23

## EAST Search History

S22	3	S18 same (etch\$ or pre-etch\$3)	EPO; JPO; DERWENT	OR	ON	2007/05/31 14:24
S23	15709	(touch adj screen or touch) near4 button	US-PGPUB; USPAT	OR	ON	2007/05/31 14:29
S24	0	"l19" and 345/172.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 14:29
S25	36	S23 and 345/172.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 14:29
S26	547	S23 and 345/173.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 14:34
S27	631	(touch adj screen or touch) near4 button and (etch\$3 or pre-etch\$3)	US-PGPUB; USPAT	OR	ON	2007/05/31 14:35
S28	21	S27 and 345/173.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 14:35
S29	0	S27 and 345/170.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 14:39
S30	9	S23 and 345/170.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 14:39
S31	89	S23 and 345/168.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 14:41
S32	1	"5017143".PN.	USPAT; USOCR	OR	OFF	2007/05/31 14:58
S33	1	"4887082".PN.	USPAT; USOCR	OR	OFF	2007/05/31 14:58
S34	1	"4827253".PN.	USPAT; USOCR	OR	OFF	2007/05/31 14:58
S35	1	"4782521".PN.	USPAT; USOCR	OR	OFF	2007/05/31 14:58
S36	1	"4725694".PN.	USPAT; USOCR	OR	OFF	2007/05/31 14:58
S37	1	"4775935".PN.	USPAT; USOCR	OR	OFF	2007/05/31 14:58
S38	1	"4710758".PN.	USPAT; USOCR	OR	OFF	2007/05/31 14:58
S39	1	"4667299".PN.	USPAT; USOCR	OR	OFF	2007/05/31 14:59
S40	1	"4659876".PN.	USPAT; USOCR	OR	OFF	2007/05/31 14:59
S41	1	"4653086".PN.	USPAT; USOCR	OR	OFF	2007/05/31 14:59
S42	94	S23 and 345/169.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 15:00
S43	1055	345/169.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/31 15:13

## EAST Search History

S44	653	S43 and switch	US-PGPUB; USPAT	OR	ON	2007/05/31 15:14
S45	44	S43 and switch same membran\$	US-PGPUB; USPAT	OR	ON	2007/05/31 15:14
S46	28	345/169.ccls. and (Pre-etch\$3 or etch\$3)	US-PGPUB; USPAT	OR	ON	2007/05/31 15:17
S47	1791	membran\$ near3 switch	EPO; DERWENT	OR	OFF	2007/05/31 15:24
S48	28	S47 and calculat\$	EPO; DERWENT	OR	OFF	2007/05/31 15:24
S49	87	mears-m\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/31 15:27
S50	7	(pre-etch\$3 or etch\$3) with touch adj2 screen with (area or button)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/31 15:31
S51	7	(pre-etch\$3 or etch\$3) with touch adj2 screen with (area or button)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/31 15:31
S52	5	(pre-etch\$3 or etch\$3) same touch adj2 screen same button	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/31 15:35
S53	50	(pre-etch\$3 or etch\$3) same touch same button	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/31 15:36
S54	131	(pre-etch\$3 or etch\$3) same keypad	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/31 15:39